

REPLACEMENT SHEET

Drawing Sheet 1 of 19

Title: INTEGRATED DEVELOPMENT ENVIRONMENT FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan

Application No.: 10/602,038 Filing Date: June 23, 2003

Docket No.: BEAS-01351US4

Attorney: Karl F. Kenna Telephone No. (415) 362-3800

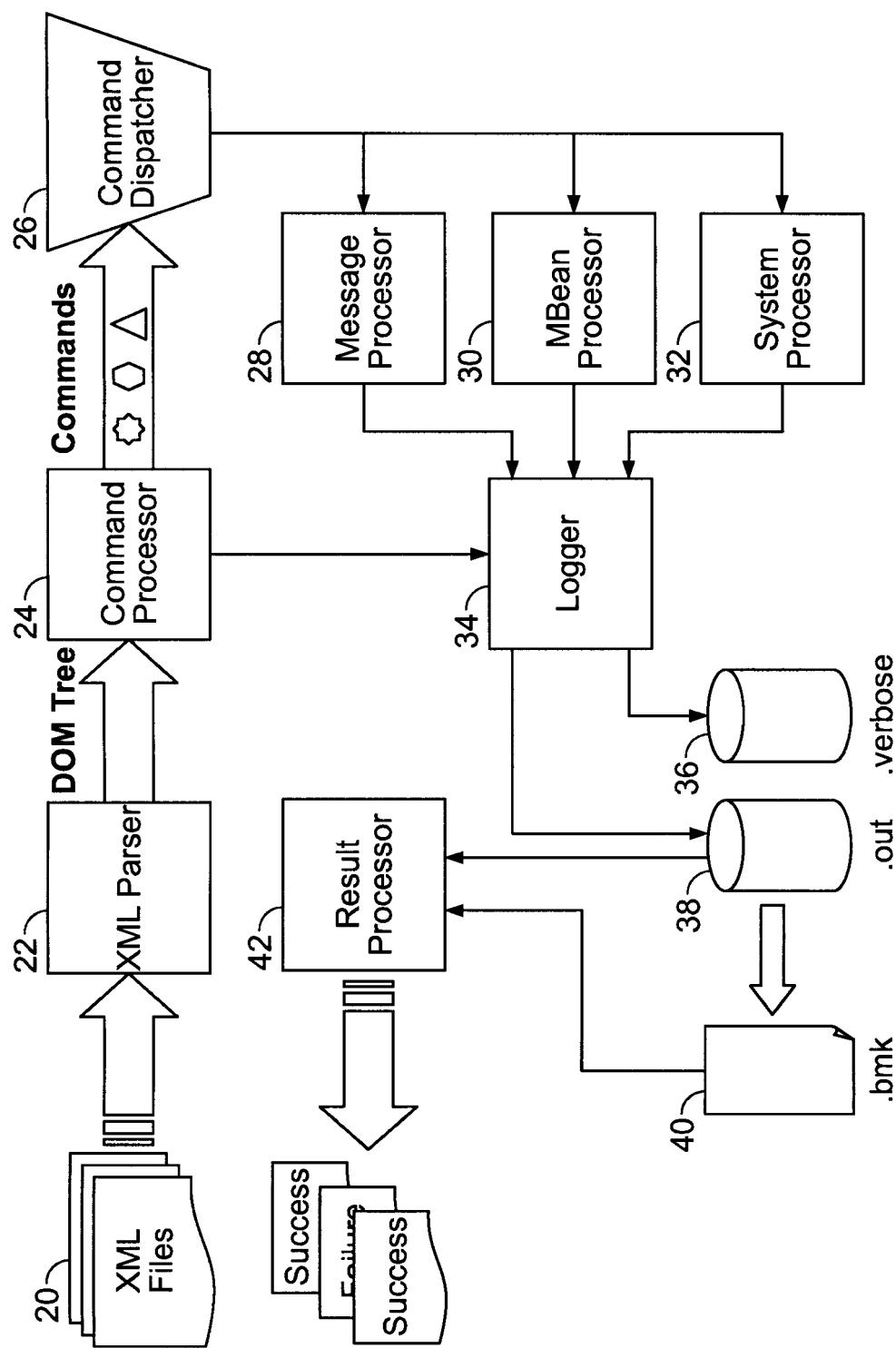


FIG. 1

REPLACEMENT SHEET

Drawing Sheet 2 of 19

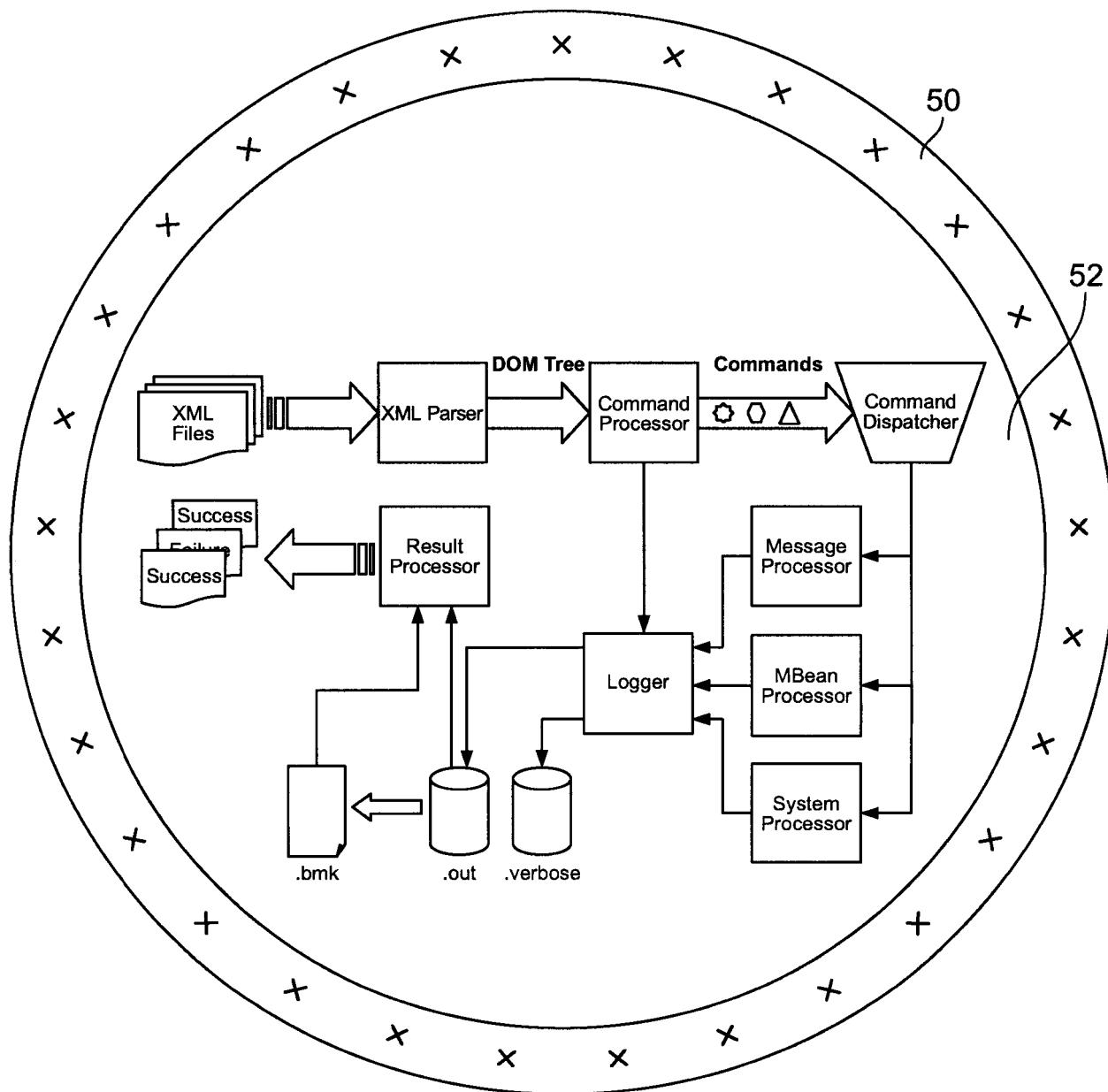
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**FIG. 2**

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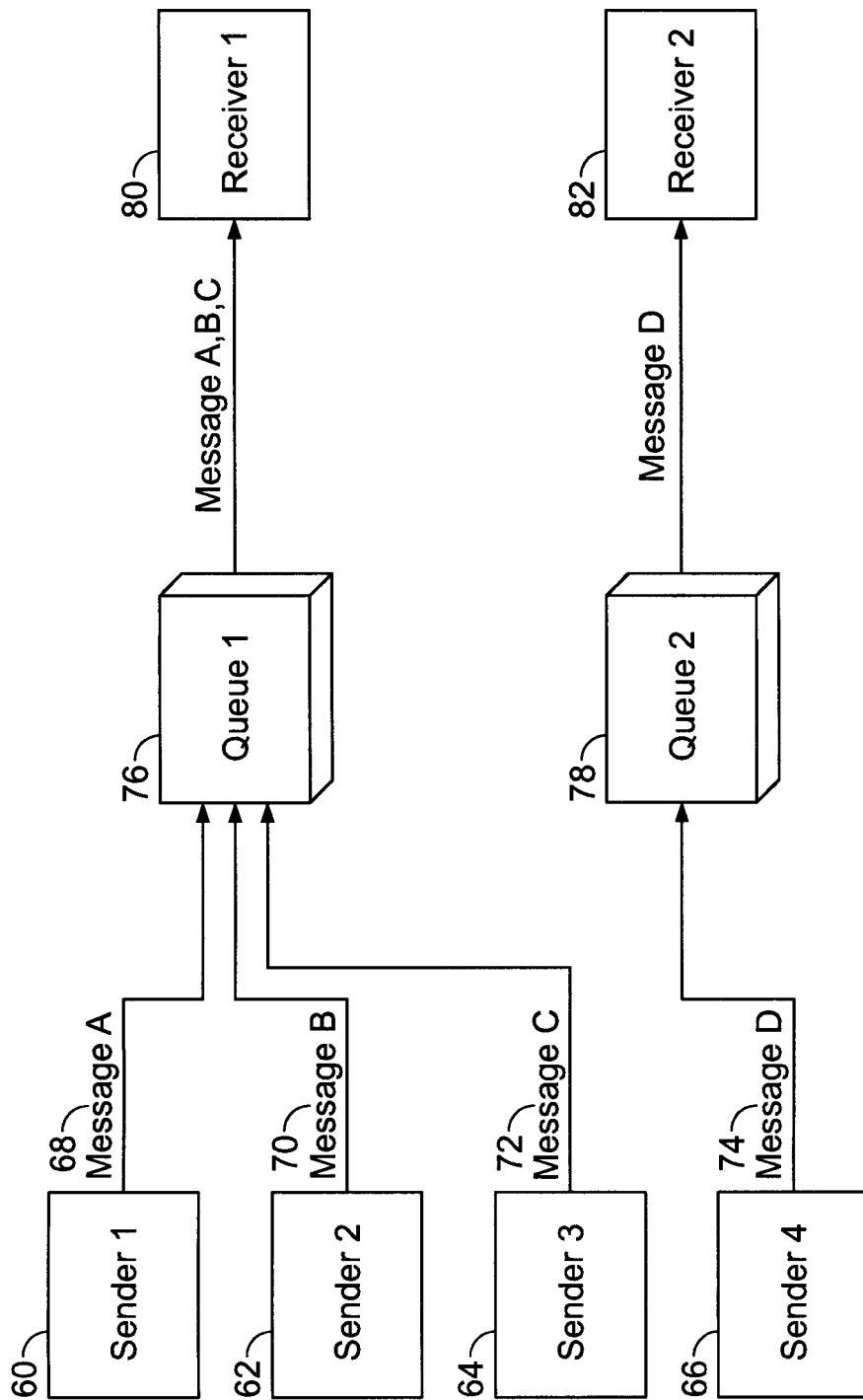


FIG. 3

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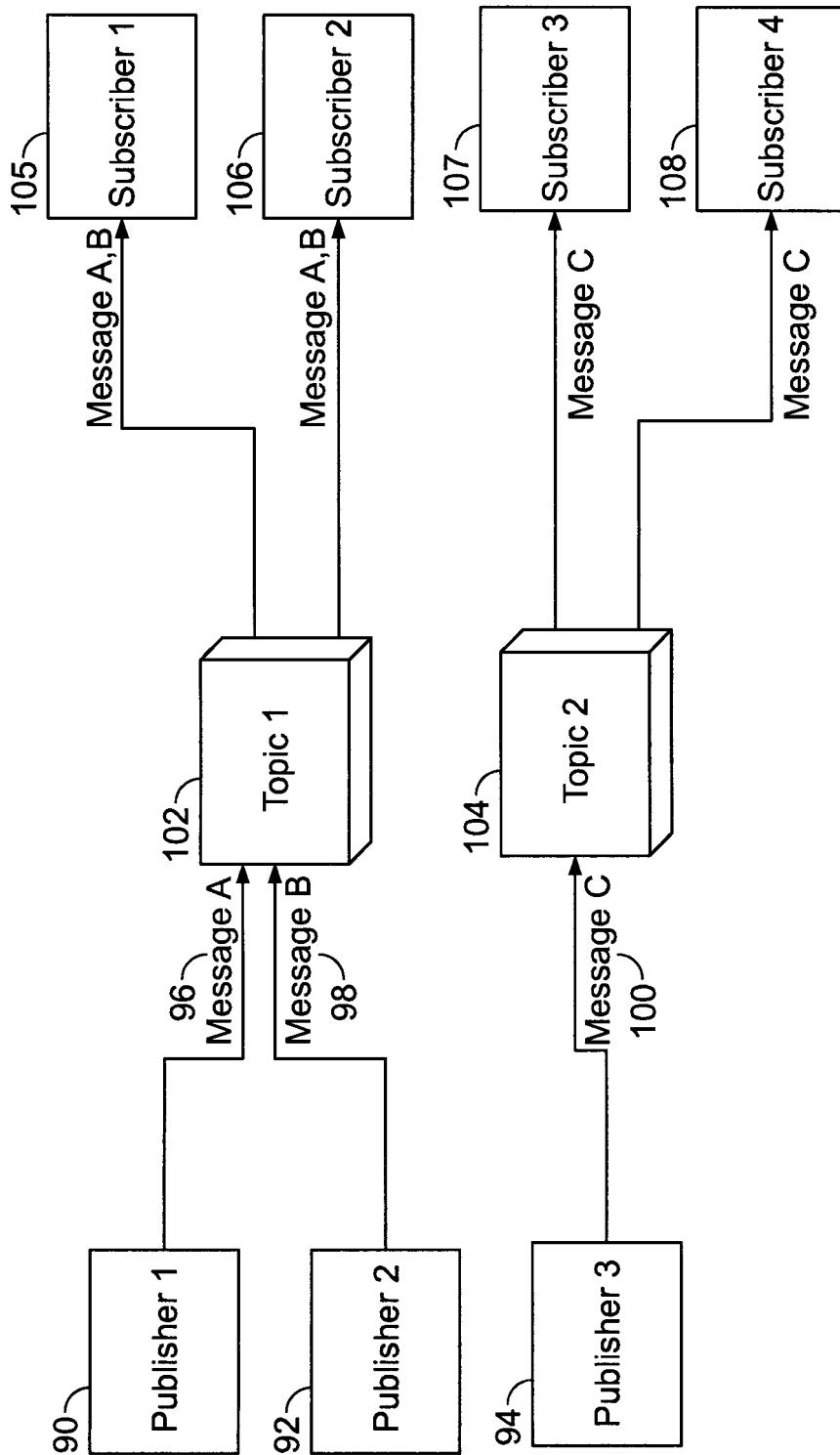


FIG. 4

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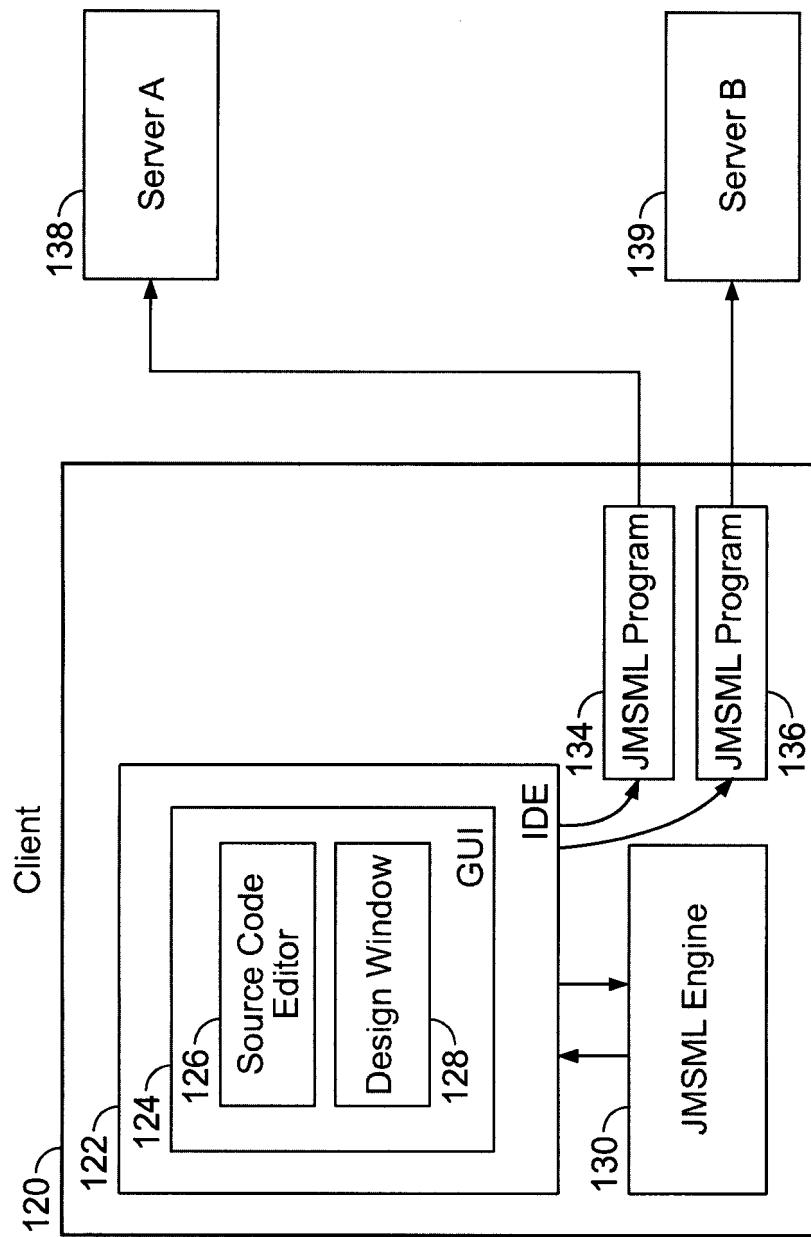


FIG. 5

REPLACEMENT SHEET

Drawing Sheet 6 of 19

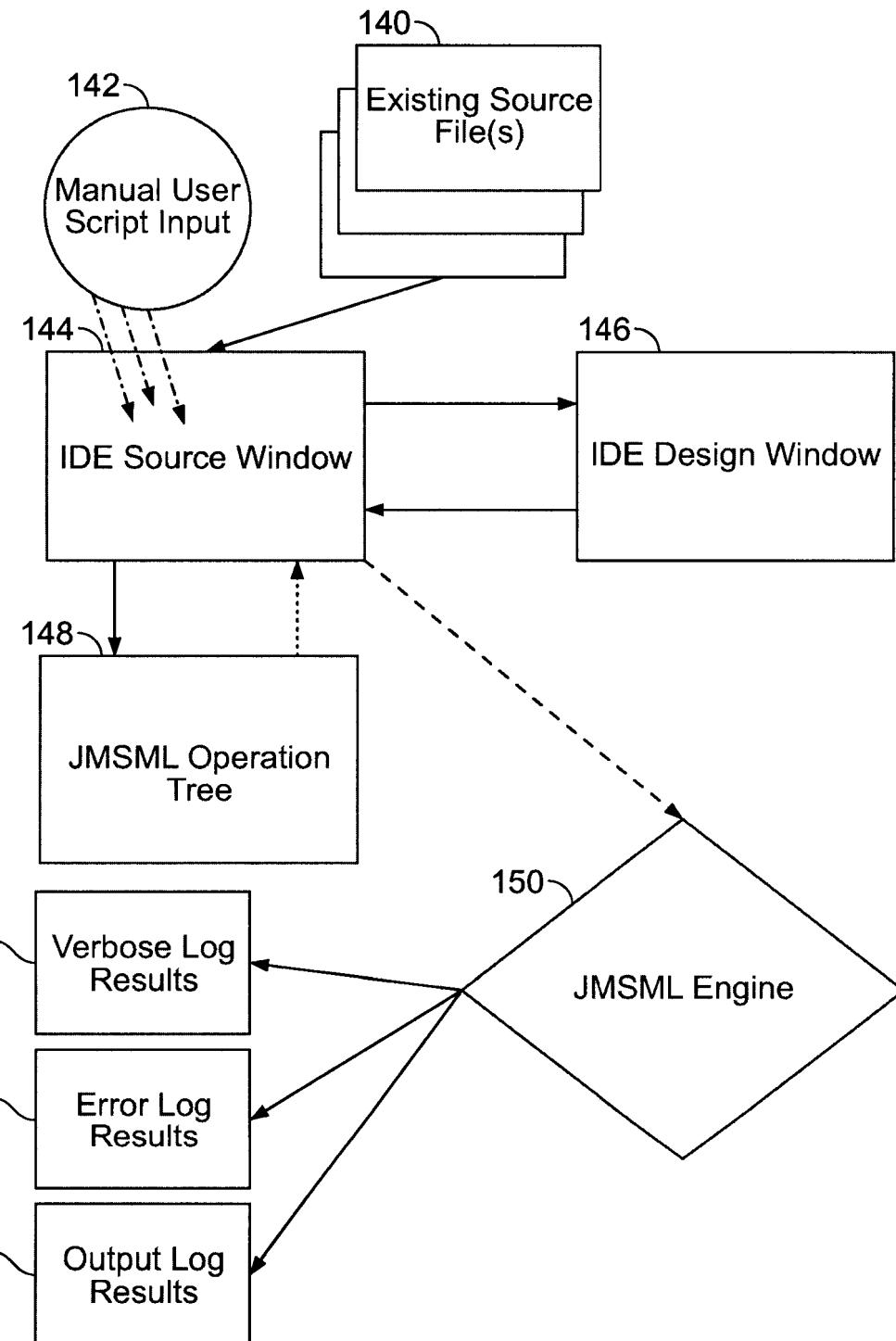
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**FIG. 6**

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202

JTree
colors
sports
food

200

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE jmsml PUBLIC "-//BEA Systems Inc//DTD JMSML Specification 1.0 JMSML//EN" "jmsml.dtd">
```

<jmsml>

<scenario Name="Dynamic Queue creation" Verify="false">

<purpose>

To test the dynamic creation of queue

</purpose>

<expectedresult>

JMS queue destination should be successfully created with the specified attributes. In order to verify the two additional operations are done as below.

- Take the statistics information of the JMSServer "Warehouse" before and after the creation of the queue destination see the newly created queue is been added the current destination count of the JMSServer "Warehouse".
- A sender and receiver will be created to send and receive a text message to and from the newly created "order" If the above two operations are successful, the test is declared as PASSED. Otherwise the test is declared as FAILED.

<operation Class="mbean" Name="mbean" Targets="Warehouse" Type="JMSServer">

Add

</operation>

<operation Class="mbean" Name="Warehouse" Type="JMSServer">

214

JMSML - C:\jmsml\jmstest.xml

File Edit Search Project Run Help

Source Design

216

JMSML - C:\jmsml\jmstest.xml

File Edit Search Project Run Help

Source Design

208

JMSML - C:\jmsml\jmstest.xml

File Edit Search Project Run Help

Source Design

204

JMSML - C:\jmsml\jmstest.xml

File Edit Search Project Run Help

Source Design

210

JMSML - C:\jmsml\jmstest.xml

File Edit Search Project Run Help

Source Design

212

JMSML - C:\jmsml\jmstest.xml

File Edit Search Project Run Help

Source Design

FIG. 7

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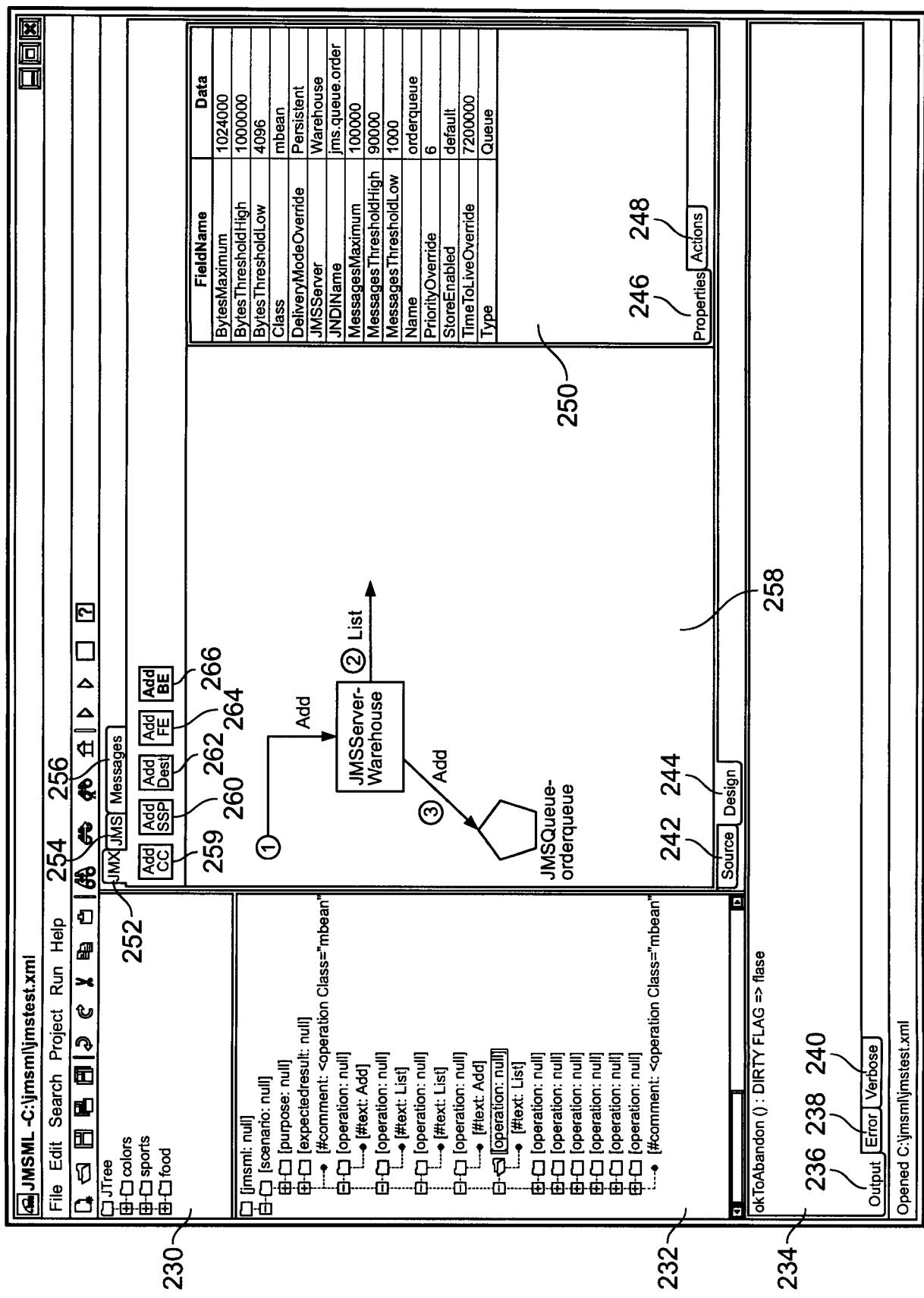


FIG. 8

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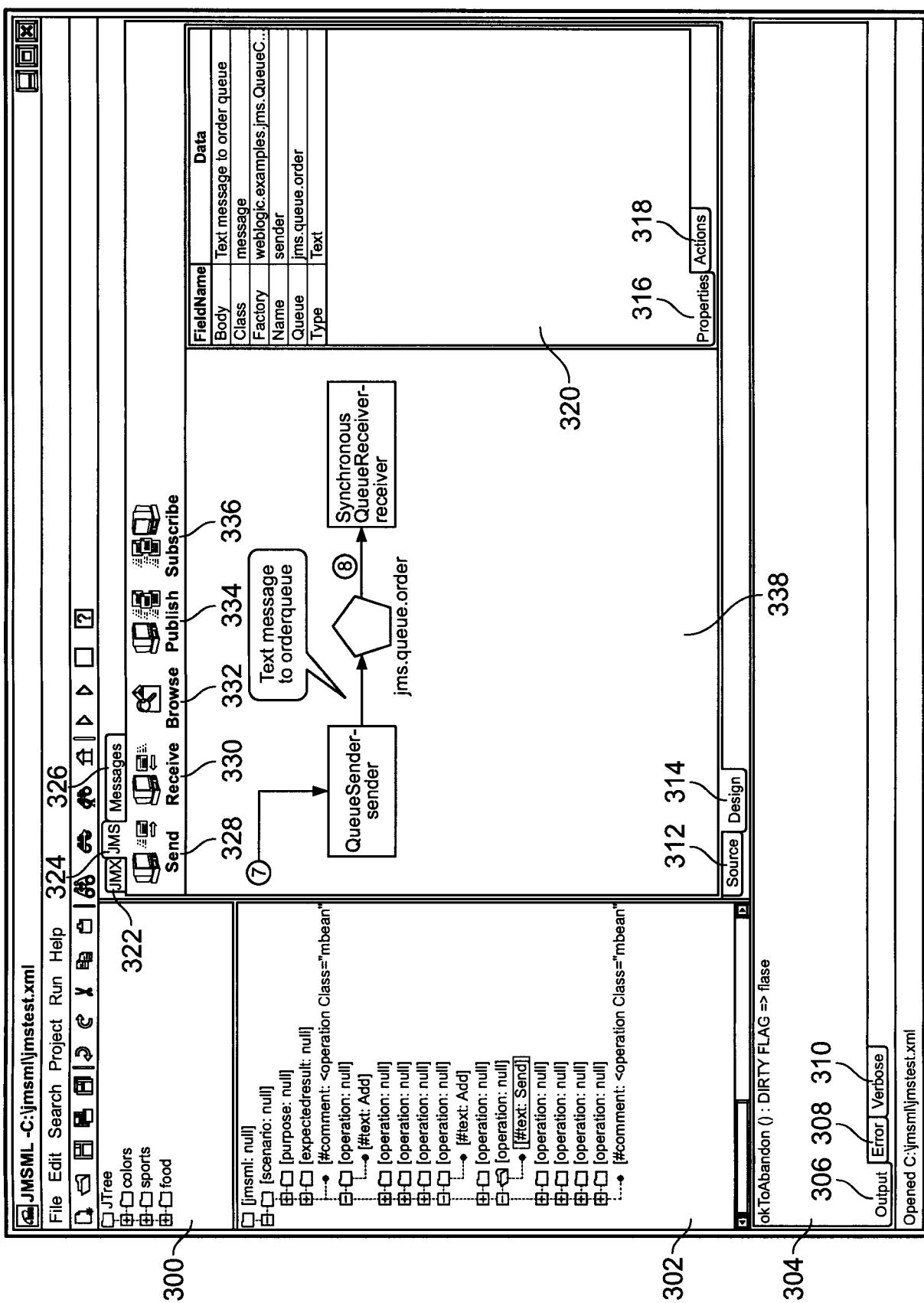


FIG. 9

REPLACEMENT SHEET

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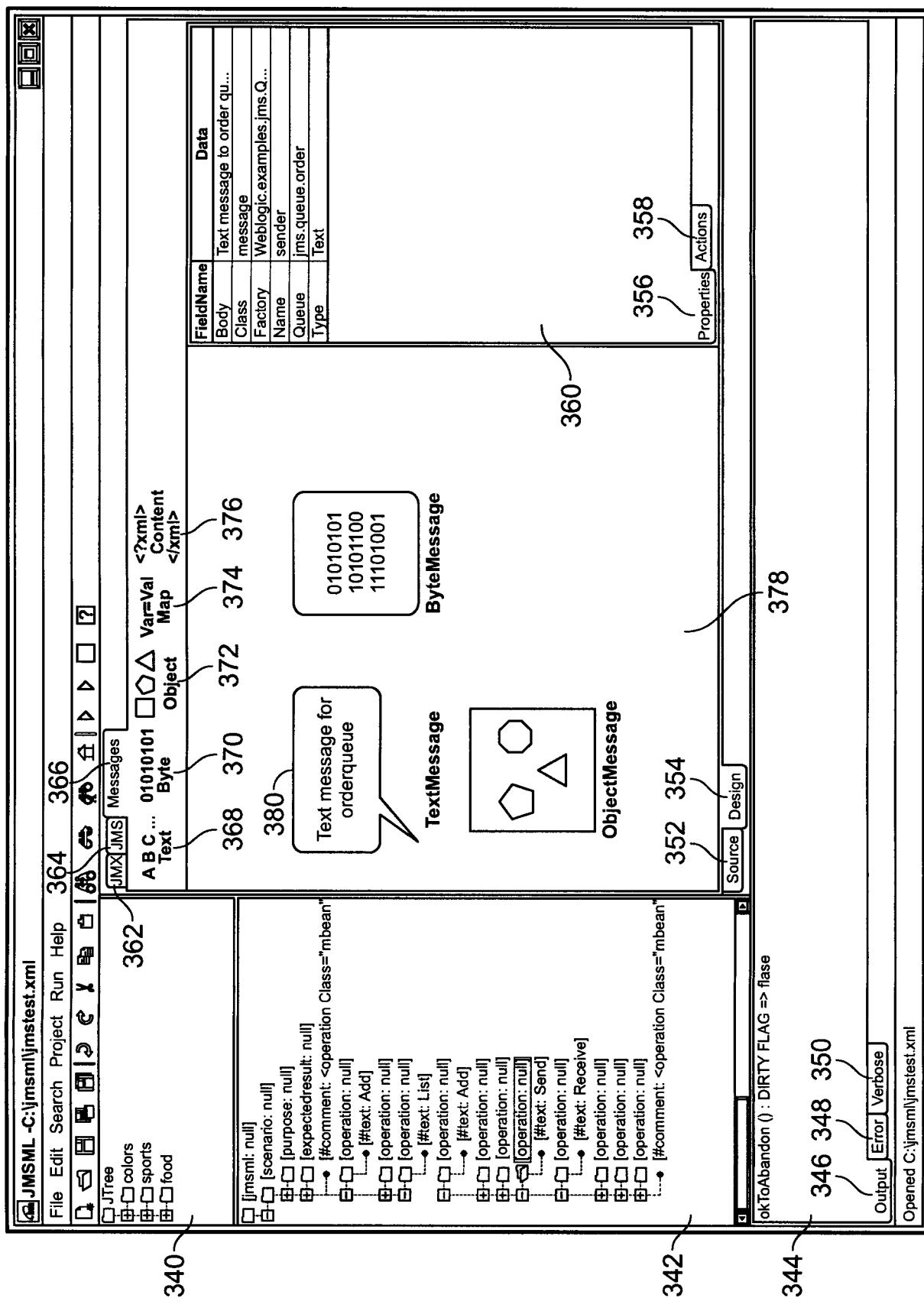


FIG. 10

REPLACEMENT SHEET

Drawing Sheet 11 of 19

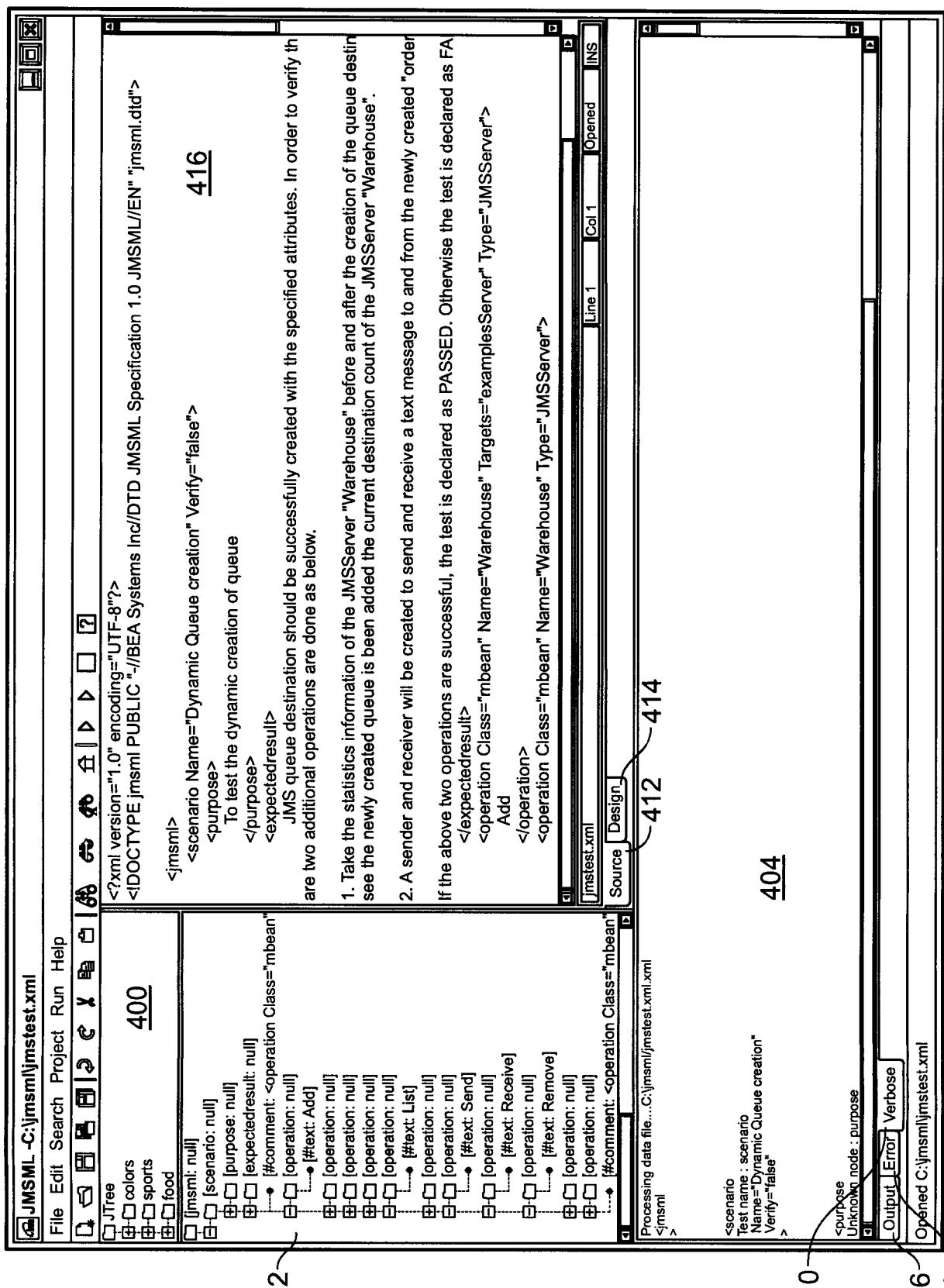
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**FIG. 11**

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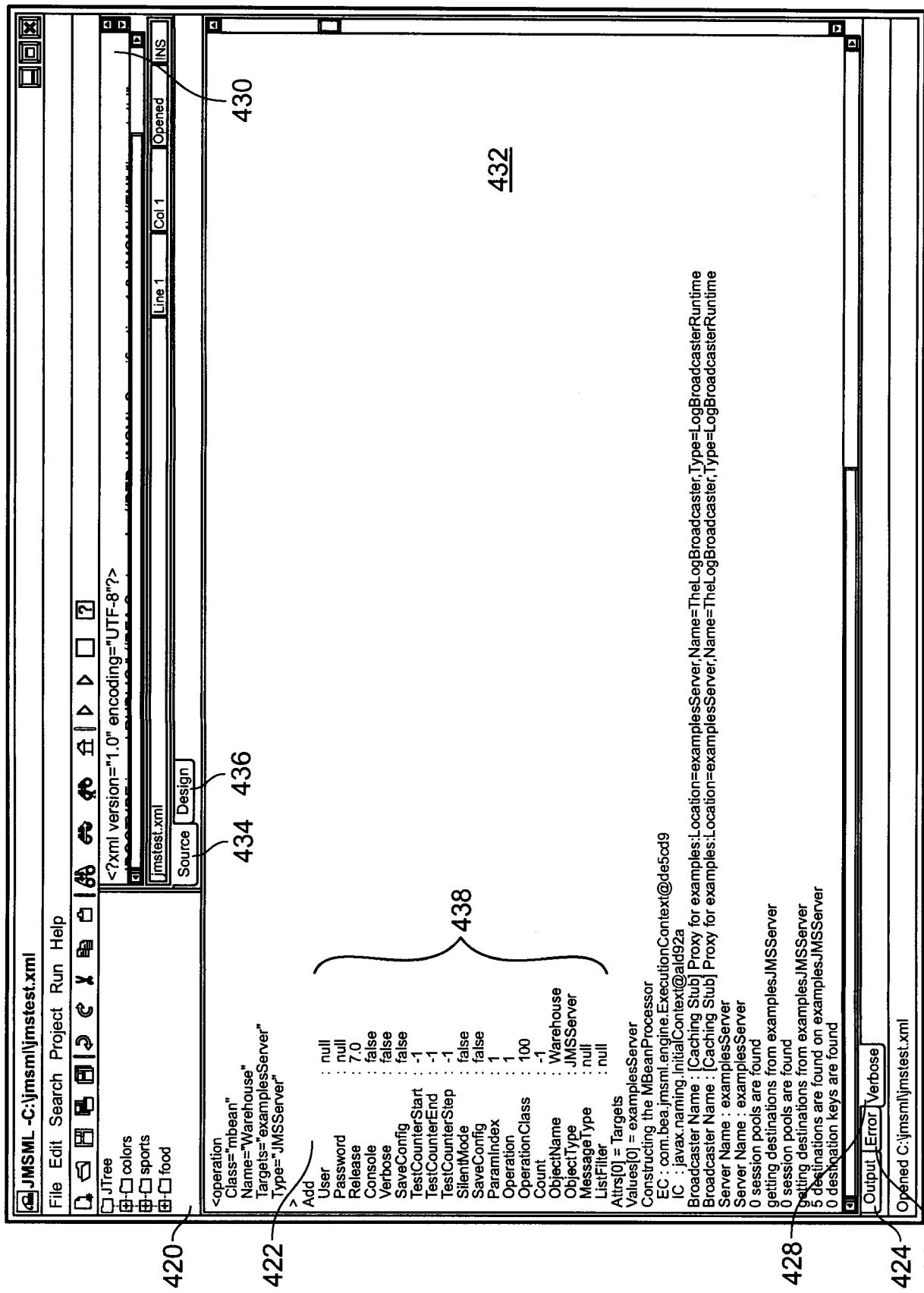


FIG. 12

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440

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE jmsml PUBLIC "-//BEA Systems Inc//DTD JMSML Specification 1.0 JMSML//EN" "jmsml.dtd">

<jmsml>
  <scenario Name="Dynamic Queue creation" Verify="false">
    <purpose>
      To test the dynamic creation of queue
    </purpose>
    <expectedresult>
      JMS queue destination should be successfully created with the specified attributes. In order to verify the
      are two additional operations are done as below.
    </expectedresult>
    1. Take the statistics information of the JMServer "Warehouse" before and after the creation of the queue destination
      see the newly created queue is been added the current destination count of the JMServer "Warehouse".
    2. A sender and receiver will be created to send and receive a text message to and from the newly created "order"
      If the above two operations are successful, the test is declared as PASSED. Otherwise the test is declared as FAILED.
    </expectedresult>
    <operation Class="mbean" Name="Warehouse" Targets="examplesServer" Type="JMSServer">
      Add
    </operation>
    <operation Class="mbean" Name="Warehouse" Type="JMSServer">
      List
    </operation>
    <operation Class="mbean" Name="Warehouse" Type="JMSServerRuntime">
      List
    </operation>
    <operation BytesMaximum="1024000" BytesThresholdLow="1000000" BytesThresholdHigh="1000000" JNDIName="jms.queue.order" MessageMaximum="100000" MessageMinimum="100000" Persistence="PERSISTENT" Type="JMSServer">
      Add
    </operation>
  </scenario>
</jmsml>
```

442

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466 468 470

472 474

476 478 480

482 484

486 488 490

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496 498 500

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658 660

662 664

666 668

670 672

674 676

678 680

682 684

686 688

690 692

694 696

698 700

702 704

706 708

710 712

714 716

718 720

722 724

726 728

730 732

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738 740

742 744

746 748

750 752

754 756

758 760

762 764

766 768

770 772

774 776

778 780

782 784

786 788

790 792

794 796

798 800

802 804

806 808

810 812

814 816

818 820

822 824

826 828

830 832

834 836

838 840

842 844

846 848

850 852

854 856

858 860

862 864

866 868

870 872

874 876

878 880

882 884

886 888

890 892

894 896

898 900

902 904

906 908

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954 956

958 960

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966 968

970 972

974 976

978 980

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990 992

994 996

998 1000

FIG. 13

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Drawing Sheet 14 of 19

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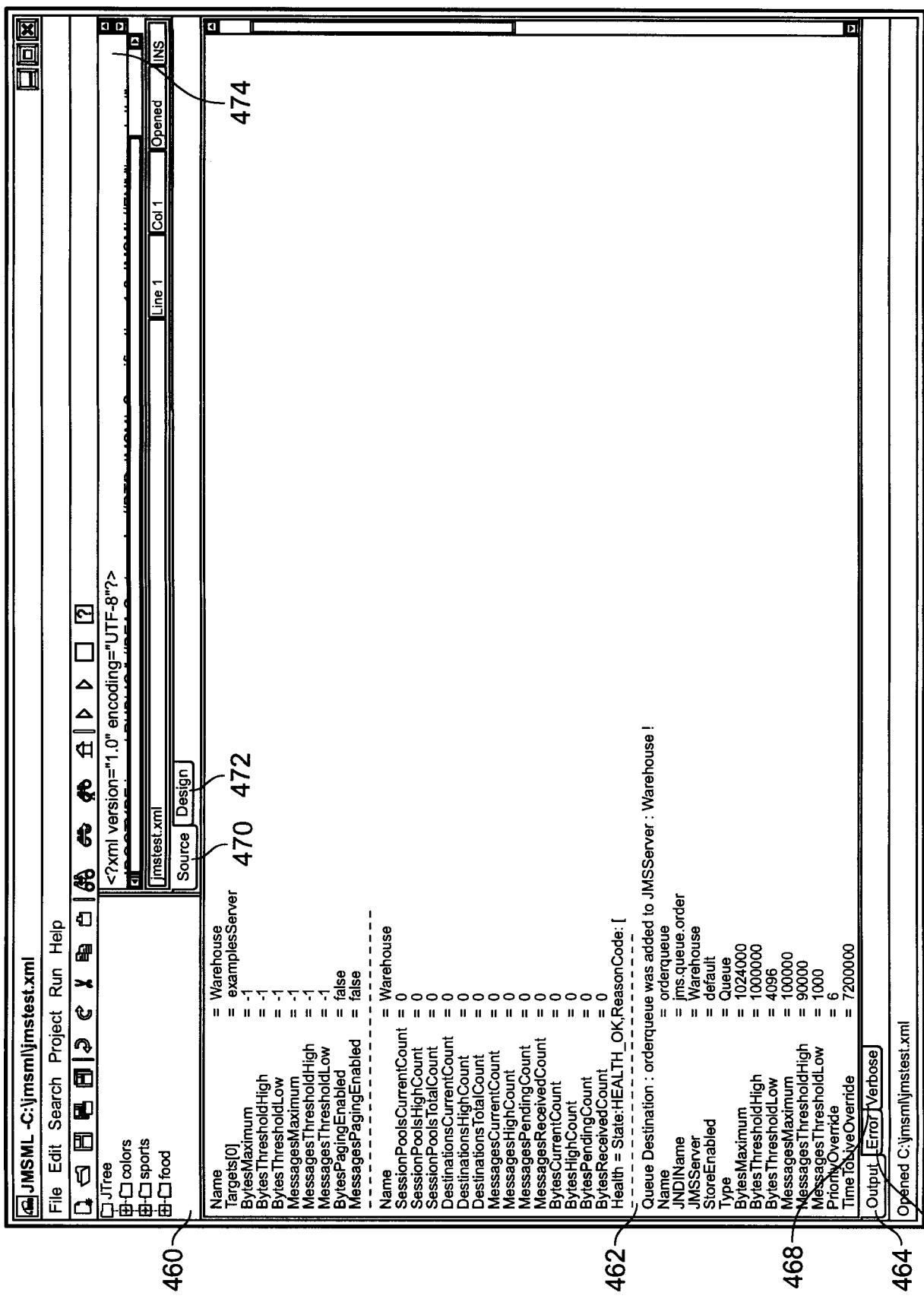


FIG. 14

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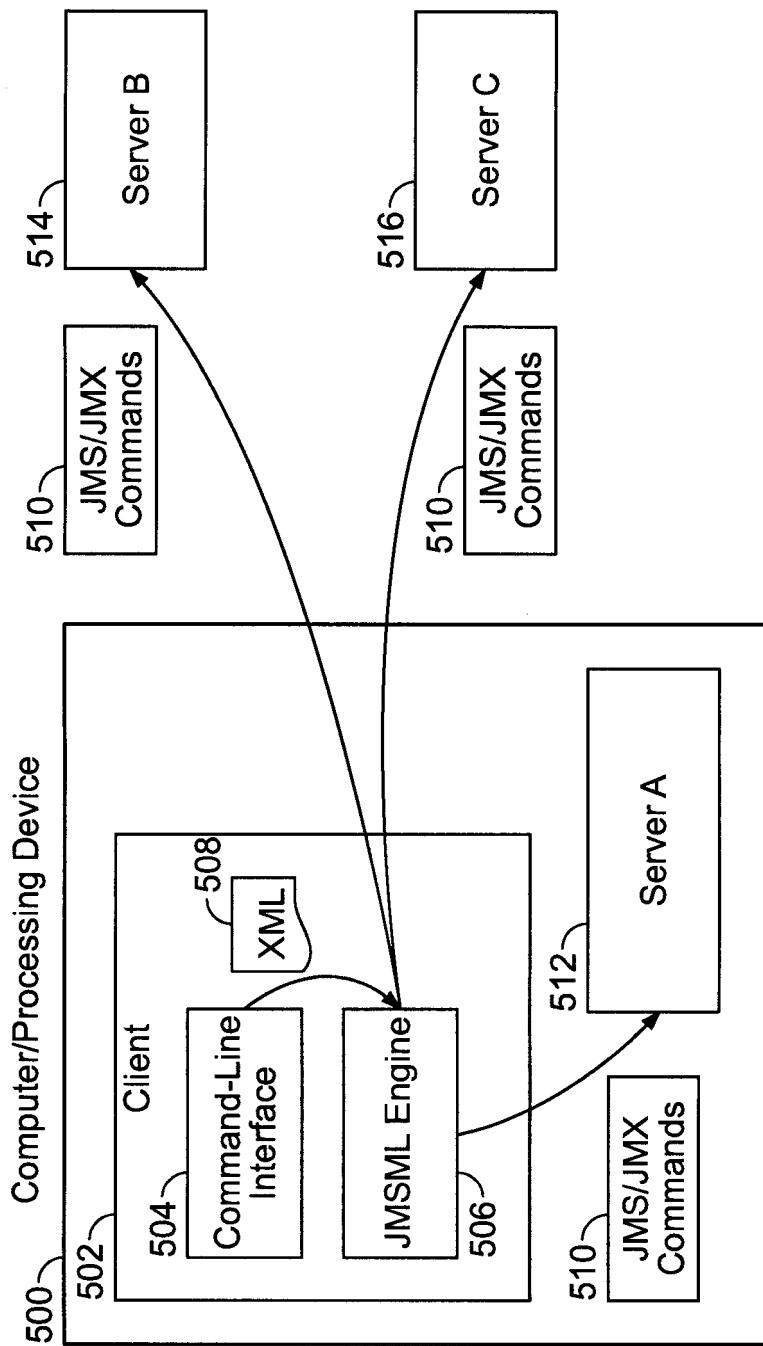


FIG. 15

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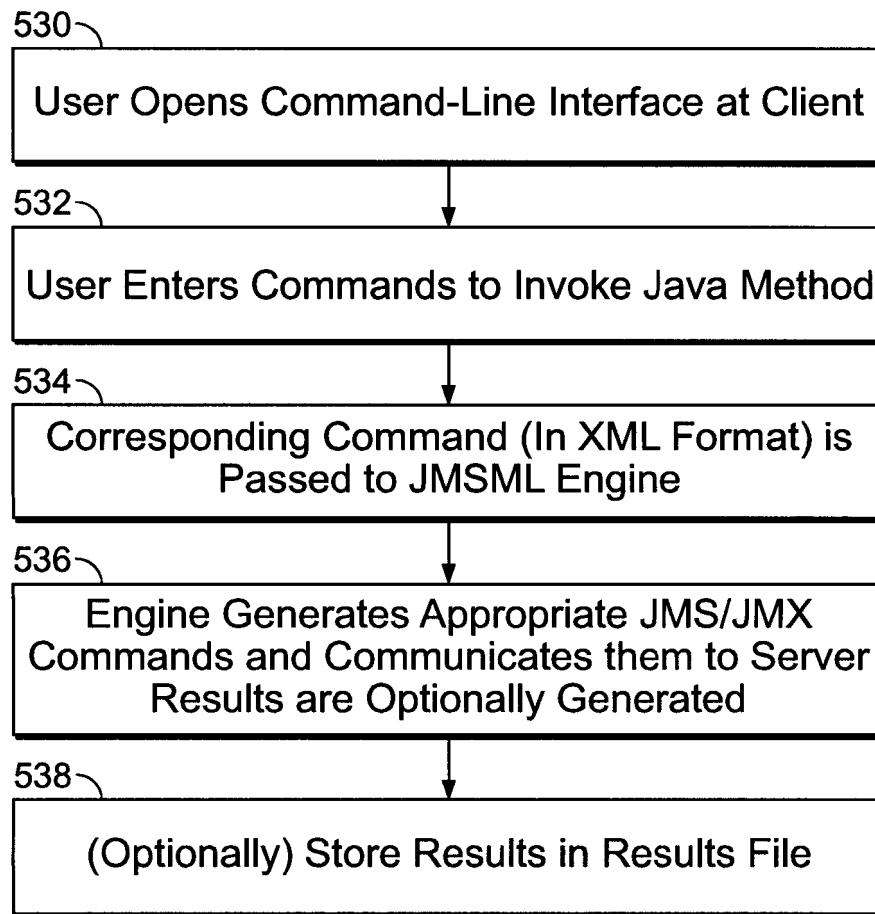


FIG. 16

REPLACEMENT SHEET

Drawing Sheet 17 of 19

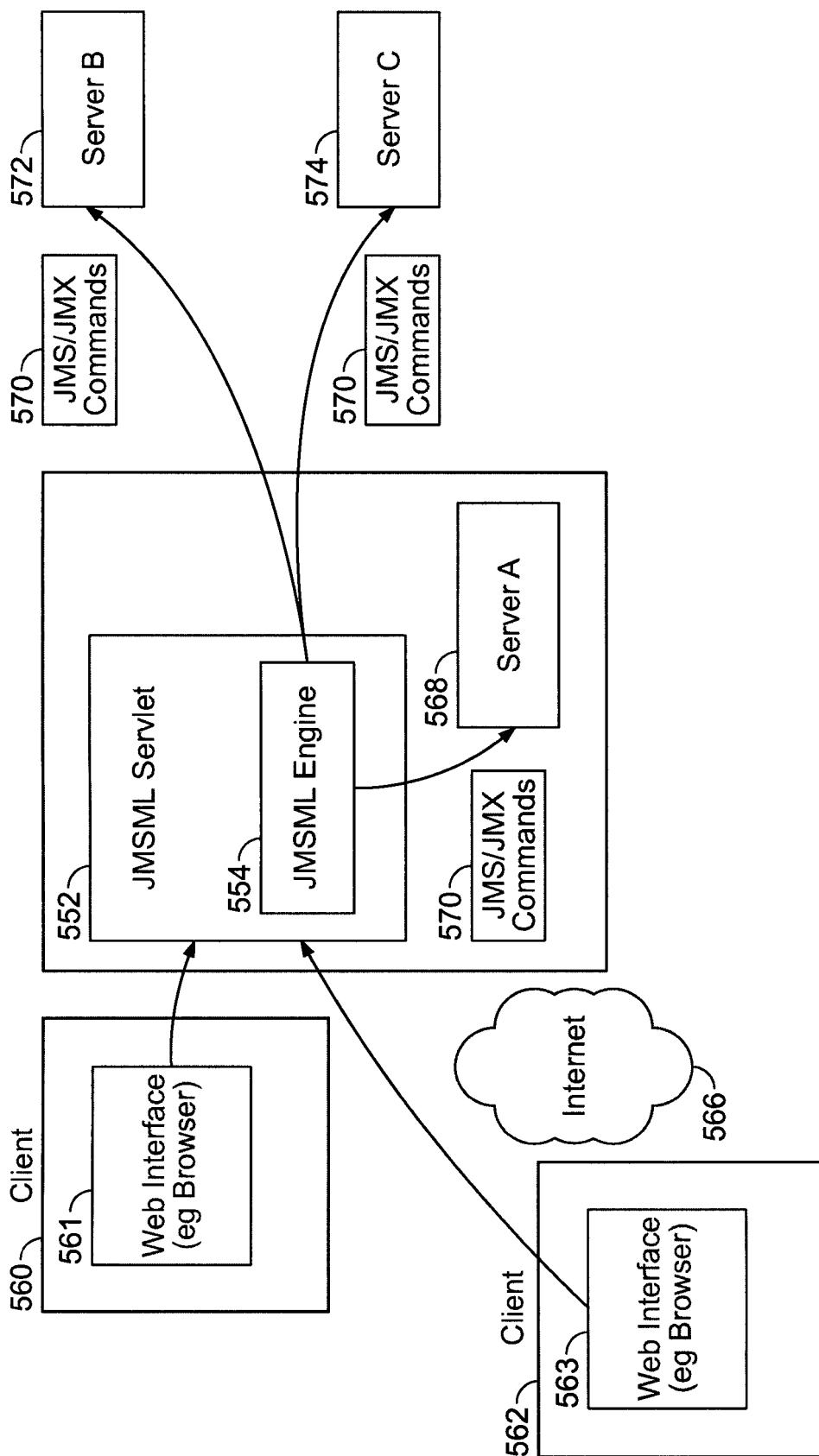
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**FIG. 17**

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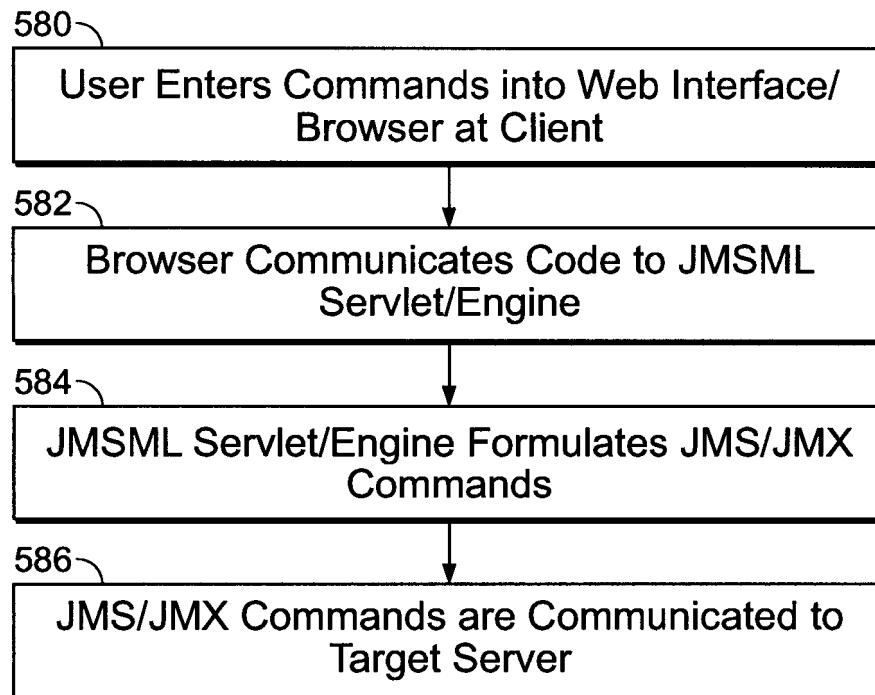


FIG. 18

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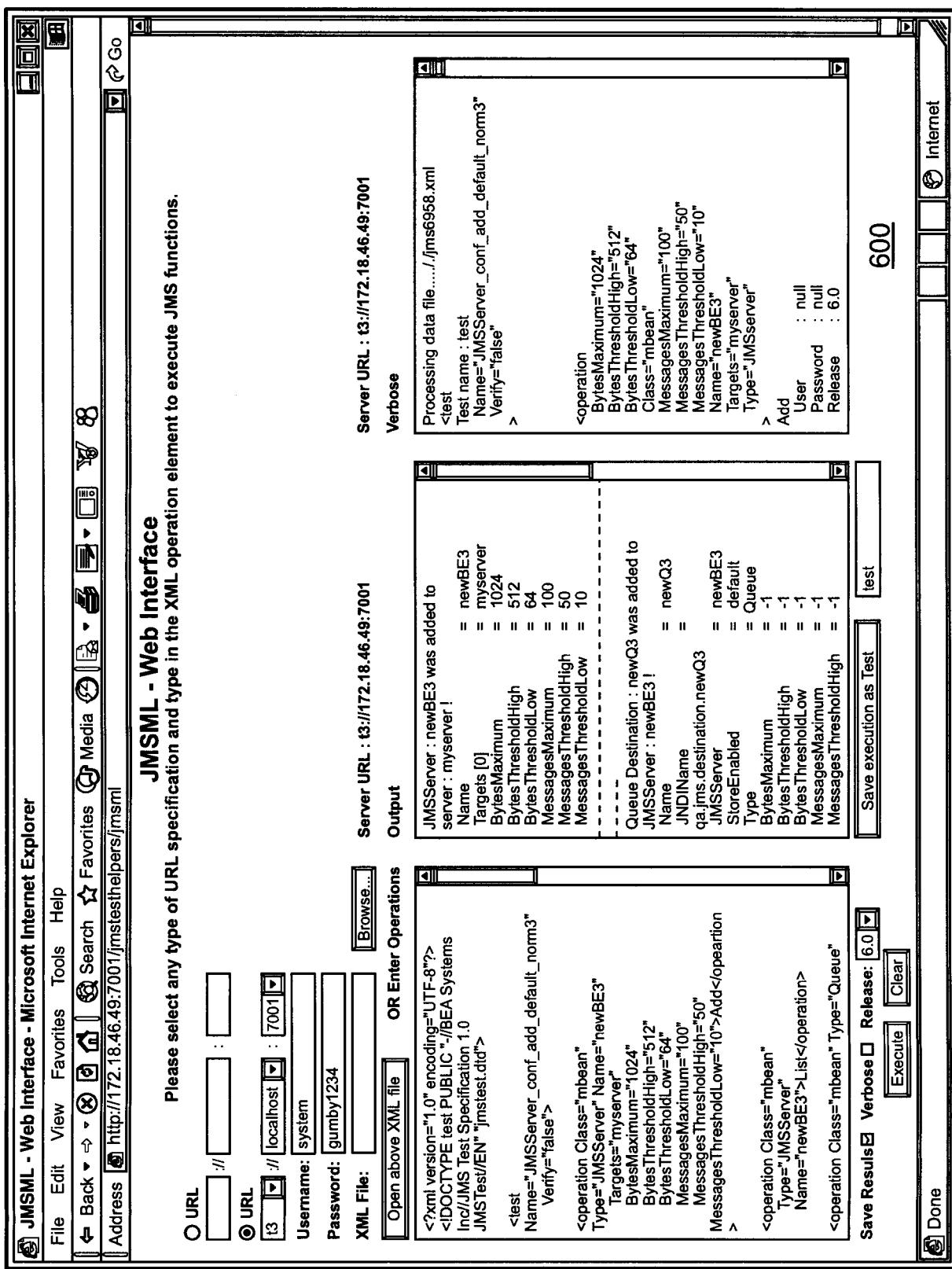


FIG. 19